

ABSTRACT OF THE DISCLOSURE

A method of providing forward error correction
5 for data services uses a parallel concatenated
convolutional code which is a Turbo Code comprising a
plurality of eight-state constituent encoders wherein a
plurality of data block sizes are used in conjunction
with said Turbo Code. A variation uses the method in a
10 cellular radio system. Another variation uses the method
in both forward and reverse links of a cellular radio
system.